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792 *S. G. A. Brown, M. A. Haas, J. A. Black, A. Parameswaran, G. M. Woods & R. J. Heddle*
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801 *T. Goetghebuer, K. Isles, C. Moore, A. Thomson, D. Kwiatkowski & J. Hull*
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804 *M. Nonaka, R. Pawankar, A. Fukumoto, N. Ogihara, A. Sakanushi & T. Yagi*
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812 *M. G. Jones, J. Nielsen, J. Welch, J. Harris, H. Welinder, I. Bensryd, S. Skerfving, K. Welsh, K. M. Venables & A. N. Taylor*
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817 *K. Breuer, A. Heratizadeh, A. Wulf, U. Baumann, A. Constien, D. Tetau, A. Kapp & T. Werfel*
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839 *E. Melén, J. Kere, G. Pershagen, M. Svartengren & M. Wickman*
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845 *P. J. Cooper, M. E. Chico, L. C. Rodrigues, D. P. Strachan, H. R. Anderson, E. A. Rodriguez, D. P. Gaus & G. E. Griffin*
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853 *W. Karmaus, S. H. Arshad, A. Sadeghnejad & R. Twiselton*
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860 *J. H. Lee, H.-S. Park, S. W. Park, A. S. Jang, S. T. Uh, T. Rhim, C.-S. Park, S.-J. Hong, S. T. Holgate, J. W. Holloway & H. D. Shin*
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866 *M. C. García-Ara, M. T. Boyano-Martínez, J. M. Díaz-Pena, M. F. Martín-Muñoz & M. Martín-Esteban*
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871 *A. Tobías, I. Galán & J. R. Banegas*
Non-linear short-term effects of airborne pollen levels with allergenic capacity on asthma emergency room admissions in Madrid, Spain

879 *D. M. A. Bullens, C. Van den Keybus, E. Dilissen, A. Kasran & J. L. Ceuppens*
Allergen-specific T cells from birch-pollen-allergic patients and healthy controls differ in T helper 2 cytokine and in interleukin-10 production

888 *R. Siebers, H.-S. Nam & J. Crane*
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891 *G. Ciprandi, I. Cirillo, A. Vizzaccaro, M. Milanese & M. A. Tosca*
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897 *J. Bousquet, H. A. Boushey, W. W. Busse, G. W. Canonica, S. R. Durham, C. G. Irvin, J. P. Karpel, P. van Cauwenberge, R. Chen, D. G. Iezzoni & A. G. Harris*
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904 *A. McKay, M. Komai-Koma, K. J. MacLeod, C. C. Campbell, S. M. Kitson, R. Chaudhuri, L. Thomson, C. McSharry, F. Y. Liew & N. C. Thomson*
Interleukin-18 levels in induced sputum are reduced in asthmatic and normal smokers

911 *S. Z. Al-Muhsen, G. Shablovsky, R. Olivenstein, B. Mazer & Q. Hamid*
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917 *Y. Shimizu, T. Suga, T. Maeno, F. Aoki, H. Tsukagoshi, T. Kawata, K. Sakai, T. Narita, T. Takahashi, S. Ishikawa, Y. Morishita, T. Nakajima, F. Hara, T. Miura & M. Kurabayashi*
Functional expression of high-affinity receptor for immunoglobulin E on mast cells precedes that of tryptase during differentiation from human bone marrow-derived CD34 progenitors cultured in the presence of stem cell factor and interleukin-6

926 *M. S. Ludwig, N. Ftouhi-Paquin, W. Huang, N. Pagé, J. Chakir & Q. Hamid*
Mechanical strain enhances proteoglycan message in fibroblasts from asthmatic subjects

931 *H. Mita, N. Higashi, M. Taniguchi, A. Higashi, Y. Kawagishi & K. Akiyama*
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939 *A. Gagro, N. Aberle, S. Rabatić, J. Ajduk, J. Jelačić & D. Dekaris*
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945 *H. Shirasaki, K. Watanabe, E. Kanaizumi, J. Sato, N. Konno, S. Narita & T. Himi*
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952 *D. I. Bernstein, A. L. Levy, F. C. Hampel, C. A. Baidoo, C. K. Cook, E. E. Philpot & K. A. Rickard*
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958 *G. Ciprandi, I. Cirillo, A. Vizzaccaro & M. A. Tosca*
Levocetirizine improves nasal obstruction and modulates cytokine pattern in patients with seasonal allergic rhinitis: a pilot study

965 *M. Takeno, H. Yoshikawa, M. Kurokawa, Y. Takeba, J.-i. Kashiwakura, M. Sakaguchi, H. Yasueda & N. Suzuki*
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971 *C. Sanbongi, H. Takano, N. Osakabe, N. Sasa, M. Natsume, R. Yanagisawa, K.-i. Inoue, K. Sadakane, T. Ichinose & T. Yoshikawa*
Rosmarinic acid in perilla extract inhibits allergic inflammation induced by mite allergen, in a mouse model

978 *J. Barbara, M.-C. Santais, D. A. Levy, F. Ruff & F. Leynadier*
Inhaled cornstarch glove powder increases latex-induced airway hyper-sensitivity in guinea-pigs

984 *S. Yagi, N. Wakaki, N. Ikeda, Y. Takagi, H. Uchida, Y. Kato & M. Minamino*
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1007 *E. Isolauri, A. Huurre, S. Salminen & O. Impivaara*
The allergy epidemic extends beyond the past few decades

1011 *J. C. Celedón, A. Fuhlbrigge, S. Rifas-Shiman, S. T. Weiss & J. A. Finkelstein*
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1017 *I. Annesi-Maesano, M. P. Oryszczyn, C. Raherison, C. Kopferschmitt, G. Pauli, A. Taytard, M. Tunon de Lara, D. Vervloet & D. Charpin*
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1032 *M. Kimura, M. Obi & M. Saito*
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1037 *T. Iwanaga, A. McEuen, A. F. Walls, J. B. Clough, T. P. Keith, S. Rorke, S. J. Barton, S. T. Holgate & J. W. Holloway*
Polymorphism of the mast cell chymase gene (*CMA1*) promoter region: lack of association with asthma but association with serum total immunoglobulin E levels in adult atopic dermatitis

1043 *S. W. Turner, S.-K. Khoo, I. A. Laing, L. J. Palmer, N. A. Gibson, P. Rye, L. I. Landau, J. Goldblatt & P. N. Le Souëf*
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1049 *E. Ylikoski, R. Kinos, N. Sirkkanen, M. Pykäläinen, J. Savolainen, L. A. Laitinen, J. Kere, T. Laitinen & R. Lahesmaa*
Association study of 15 novel single-nucleotide polymorphisms of the T-bet locus among Finnish asthma families

1056 *D. von Bubnoff, R. Fimmers, M. Bogdanow, H. Matz, S. Koch & T. Bieber*
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1064 *P. Julius, D. Hochheim, K. Böser, S. Schmidt, D. Myrtek, C. Bachert, W. Luttmann and J. C. Virchow*
Interleukin-5 receptors on human lung eosinophils after segmental allergen challenge

1071 *W. R. Coward, H. Sagara, S. J. Wilson, S. T. Holgate & M. K. Church*
Allergen activates peripheral blood eosinophil nuclear factor-κB to generate granulocyte macrophage-colony stimulating factor, tumour necrosis factor-α and interleukin-8

1079 *C. Bez, R. Schubert, M. Kopp, Y. Ersfeld, M. Rosewich, J. Kuehr, W. Kamin, A. V. Berg, U. Wahn & S. Zielen*
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1099 *A. Rozsasi, R. Leiacker & T. Keck*
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1105 *W. Heppt, Q. Thai Dinh, A. Cryer, M. Zweng, O. Noga, C. Peiser, M. Melvan, C. Witt, A. Fischer & D. A. Groneberg*
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1111 *R. Asero, M. Lorini, S. U. Chong, T. Zuberbier & A. Tedeschi*
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1115 *J. S. A. Lucas, K. E. C. Grimshaw, K. Collins, J. O. Warner & J. O'B. Hourihane*
Kiwi fruit is a significant allergen and is associated with differing patterns of reactivity in children and adults

1122 *D. L. Lim, R. M. E. Chan, H. Wen, H. P. S. Van Bever & K. Y. Chua*
Anaphylaxis after hamster bites – identification of a novel allergen

1124 *K. Blümchen, K. Gerhold, I. Thorade, C. Seib, U. Wahn & E. Hamelmann*
Oral administration of desloratadine prior to sensitization prevents allergen-induced airway inflammation and hyperreactivity in mice

1131 *M. J. Evans, M. V. Fanucchi, G. L. Baker, L. S. Van Winkle, L. M. Pantle, S. J. Nishio, E. S. Schelegle, L. J. Gershwin, L. A. Miller, D. M. Hyde & C. G. Plopper*
The remodelled tracheal basement membrane zone of infant rhesus monkeys after 6 months of recovery

1137 *O. Bachar, M. Adner, R. Uddman & L.-O. Cardell*
Nerve growth factor enhances cholinergic innervation and contractile response to electric field stimulation in a murine *in vitro* model of chronic asthma

1146 *D. Quarcoo, O. Schulte-Herbrüggen, M. Lommatzsch, K. Schierhorn, G. W. Hoyle, H. Renz & A. Braun*
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1153 *J. Schwarze & S. L. Johnston*
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1168 *N. Scichilone, A. Deykin, E. Pizzichini, V. Bellia & R. Polosa*
Monitoring response to treatment in asthma management: food for thought

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1178 *K. Radon, D. Windstetter, J. Eckart, H. Dressel, L. Leitritz, J. Reichert, M. Schmid, G. Praml, M. Schosser, E. von Mutius & D. Nowak*
Farming exposure in childhood, exposure to markers of infections and the development of atopy in rural subjects

1184 *A. Resch, U. Schlipköter, A. Crispin, H. Behrendt, J. Heinrich, H. E. Wichmann, J. Ring, T. Schäfer & the KORA study group*
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1192 *L. Cheng, T. Enomoto, T. Hirota, M. Shimizu, N. Takahashi, M. Akahoshi, A. Matsuda, Y. Dake, S. Doi, K. Enomoto, A. Yamasaki, S. Fukuda, X.-Q. Mao, J. M. Hopkin, M. Tamari & T. Shirakawa*
Polymorphisms in *ADAM33* are associated with allergic rhinitis due to Japanese cedar pollen

1202 *S.-G. Lee, B.-S. Kim, J.-H. Kim, S.-Y. Lee, S.-O. Choi, J.-Y. Shim, T.-J. Hong & S.-J. Hong*
Gene–gene interaction between interleukin-4 and interleukin-4 receptor α in Korean children with asthma

1209 *L. M. Gardner, F. C. Thien, J. A. Douglass, J. M. Rolland & R. E. O'Hehir*
Induction of T 'regulatory' cells by standardized house dust mite immunotherapy: an increase in $CD4^+CD25^+$ interleukin-10^+ T cells expressing peripheral tissue trafficking markers

1220 *F. Horak Jr, S. Matthews, G. Ihorst, S. H. Arshad, T. Frischer, J. Kuehr, A. Schwieger, J. Forster & the SPACE study group*
Effect of mite-impermeable mattress encasings and an educational package on the development of allergies in a multinational randomized, controlled birth-cohort study – 24 months results of the Study of Prevention of Allergy in Children in Europe

1226 *G. de Meer, D. S. Postma, N. A. H. Janssen, J. C. de Jongste & B. Brunekreef*
Bronchial hyper-responsiveness to hypertonic saline and blood eosinophilic markers in 8–13-year-old schoolchildren

1232 *E. C. Broadfield, T. M. McKeever, A. Whitehurst, S. A. Lewis, N. Lawson, J. Britton & A. Fogarty*
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1237 *J. A. Dunstan, J. Roper, L. Mitoulas, P. E. Hartmann, K. Simmer & S. L. Prescott*
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1243 *L. Portengen, G. de Meer, G. Doekes & D. Heederik*
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1251 *W. Hemmer, M. Focke, M. Götz & R. Jarisch*
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1259 *Y. Tsuji, Y. Abe, M. Hisano & T. Sakai*
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1262 *H. Mita, N. Higashi, M. Taniguchi, A. Higashi & K. Akiyama*
Increase in urinary leukotriene B_4 glucuronide concentration in patients with aspirin-intolerant asthma after intravenous aspirin challenge

1270 *Y. J. Suh, S. H. Yoon, A. P. Sampson, H. J. Kim, S. H. Kim, D. H. Nahm, C. H. Suh & H. S. Park*
Specific immunoglobulin E for staphylococcal enterotoxins in nasal polyps from patients with aspirin-intolerant asthma

1276 *A. Menzies-Gow, S. Ying, S. Phipps & A. B. Kay*
Interactions between eotaxin, histamine and mast cells in early microvascular events associated with eosinophil recruitment to the site of allergic skin reactions in humans

1283 *C. Yoshimura-Uchiyama, M. Iikura, M. Yamaguchi, H. Nagase, A. Ishii, K. Matsushima, K. Yamamoto, M. Shichijo, K. B. Bacon & K. Hirai*
Differential modulation of human basophil functions through prostaglandin D_2 receptors DP and chemoattractant receptor-homologous molecule expressed on Th2 cells/DP2

1291 *M. Bryborn, M. Adner & L.-O. Cardell*
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1299 *B. J. Marsland, C. B. Scanga, M. Kopf & G. Le Gros*
Allergic airway inflammation is exacerbated during acute influenza infection and correlates with increased allergen presentation and recruitment of allergen-specific T-helper type 2 cells

1307 *Y. Kondo, H. Matsuse, I. Machida, T. Kawano, S. Saeki, S. Tomari, Y. Obase, C. Fukushima & S. Kohno*
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1314 *D. Quarcoo, S. Weixler, R. A. Joachim, P. Stock, T. Kallinich, B. Ahrens & E. Hamelmann*
Resiquimod, a new immune response modifier from the family of imidazoquinolinamines, inhibits allergen-induced Th2 responses, airway inflammation and airway hyper-reactivity in mice

1321 *Z. Qiu, M. Fujimura, K. Kurashima, S. Nakao & N. Mukaida*
Enhanced airway inflammation and decreased subepithelial fibrosis in interleukin 6-deficient mice following chronic exposure to aerosolized antigen

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1331 **Forthcoming meetings and articles**

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1333 *H. Pinnock & A. Sheikh*
Meeting the information needs of patients with allergic disorders: partnership is the key

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1336 *G. Salcedo, R. Sanchez-Monge, A. Diaz-Perales, G. Garcia-Casado & D. Barber*
Plant non-specific lipid transfer proteins as food and pollen allergens

1342 *D. K. Agrawal*
Anti-inflammatory properties of desloratadine

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1349 *A. Maitra, A. Sherriff, D. Strachan, ALSPAC Study Team & J. Henderson*
Mode of delivery is not associated with asthma or atopy in childhood

1356 *I. H. Heijink, M. van den Berge, E. Vellenga, J. G. R. de Monchy, D. S. Postma & H. F. Kauffman*
Altered β_2-adrenergic regulation of T cell activity after allergen challenge in asthma

1364 *H. Grindebacke, K. Wing, A.-C. Andersson, E. Suri-Payer, S. Rak & A. Rudin*
Defective suppression of Th2 cytokines by $CD4^+CD25^+$ regulatory T cells in birch allergics during birch pollen season

1373 *L. K. Wilcock, J. N. Francis & S. R. Durham*
Aluminium hydroxide down-regulates T helper 2 responses by allergen-stimulated human peripheral blood mononuclear cells

1379 *G. Woerly, V. Decot, S. Loiseau, M. Loyens, J. Chihara, N. Ono & M. Capron*
CD28 and secretory immunoglobulin A-dependent activation of eosinophils: inhibition of mediator release by the anti-allergic drug, suplatast tosilate

1388 *S. E. Overbeek, S. O'Sullivan, K. Leman, P. G. H. Mulder, H. C. Hoogsteden & J.-B. Prins*
Effect of montelukast compared with inhaled fluticasone on airway inflammation

1395 *M. D. Dijkstra, F. A. Ebbens, R. M. L. Poublon & W. J. Fokkens*
Fluticasone propionate aqueous nasal spray does not influence the recurrence rate of chronic rhinosinusitis and nasal polyps 1 year after functional endoscopic sinus surgery

1401 *E. Nettis, M. C. Colanardi, M. T. Paradiso & A. Ferrannini*
Desloratadine in combination with montelukast in the treatment of chronic urticaria: a randomized, double-blind, placebo-controlled study

1408 *C. Mirone, F. Albert, A. Tosi, F. Mocchetti, S. Mosca, M. Giorgino, S. Pecora, S. Parmiani & C. Ortolani*
Efficacy and safety of subcutaneous immunotherapy with a biologically standardized extract of *Ambrosia artemisiifolia* pollen: a double-blind, placebo-controlled study

1415 *M. Lombardero, F. J. García-Sellés, F. Polo, L. Jimeno, M. J. Chamorro, G. García-Casado, R. Sánchez-Monge, A. Díaz-Perales, G. Salcedo & D. Barber*
Prevalence of sensitization to *Artemisia* allergens Art v 1, Art v 3 and Art v 60 kDa. Cross-reactivity among Art v 3 and other relevant lipid-transfer protein allergens

1422 *F. van Wijk, S. Hartgring, S. J. Koppelman, R. Pieters & L. M. J. Knippels*
Mixed antibody and T cell responses to peanut and the peanut allergens Ara h 1, Ara h 2, Ara h 3 and Ara h 6 in an oral sensitization model

1429 *J. Mouécoucou, S. Frémont, C. Sanchez, C. Villaume & L. Méjean*
In vitro allergenicity of peanut after hydrolysis in the presence of polysaccharides

1438 *P. White, H. Smith, F. Webley & A. Frew*
A survey of the quality of information leaflets on hayfever available from general practices and community pharmacies

1444 *Ž. Tempels-Pavlica, A. J. Oosting, I. Terreehorst, R. Gerth van Wijk, C. A. F. M. Bruijnzeel-Koomen, J. G. R. de Monchy & R. C. Aalberse*
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1448 *P. Gamboa, M. L. Sanz, M. R. Caballero, I. Urrutia, I. Antépara, R. Esparza & A. L. de Weck*
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1458 *T. Rustemeyer, B. M. E. von Blomberg, I. M. W. van Hoogstraten, D. P. Bruynzeel & R. J. Scheper*
Analysis of effector and regulatory immune reactivity to nickel

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Increase of CC chemokine receptor 4 -positive cells in the peripheral $CD4^+$ cells in dogs with atopic dermatitis or experimentally sensitized to Japanese cedar pollen

1474 *Q. T. Dinh, D. A. Groneberg, C. Peiser, J. Springer, R. A. Joachim, P. C. Arck, B. F. Klapp & A. Fischer*
Nerve growth factor-induced substance P in capsaicin-insensitive vagal neurons innervating the lower mouse airway

1480 *Y. Zhang, M. Adner & L.-O. Cardell*
Interleukin-1β attenuates endothelin B receptor-mediated airway contractions in a murine *in vitro* model of asthma: roles of endothelin converting enzyme and mitogen-activated protein kinase pathways

1488 *D. P. Ennis, J. P. Cassidy & B. P. Mahon*
Prior *Bordetella pertussis* infection modulates allergen priming and the severity of airway pathology in a murine model of allergic asthma

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1498 *S. M. Erdmann, B. Sachs, K. Hoffmann-Sommergruber, O. Scheiner & H. Merk*
Comments regarding '*In vitro* allergy diagnosis: should we follow the flow?' by Ebo et al.

1499 *D. G. Ebo, M. M. Hagendorens, C. H. Bridts, A. J. Schuerwegh, L. S. De Clerck & W. J. Stevens*
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1503 *N. Farahi, A. S. Cowburn, A. G. Rossi & E. R. Chilvers*
Eating their way out of trouble: selective uptake of apoptotic eosinophils by bronchial epithelial cells

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1507 *P. J. Beggs*
Impacts of climate change on aeroallergens: past and future

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1514 *D. W. Sexton, M. Al-Rabia, M. G. Blaylock & G. M. Walsh*
Phagocytosis of apoptotic eosinophils but not neutrophils by bronchial epithelial cells

1525 *M. Focke, B. Linhart, A. Hartl, U. Wiedermann, W. R. Sperr, P. Valent, J. Thalhamer, D. Kraft & R. Valenta*
Non-anaphylactic surface-exposed peptides of the major birch pollen allergen, Bet v 1, for preventive vaccination

1534 *C. C. Roehr, G. Edenharter, S. Reimann, I. Ehlers, M. Worm, T. Zuberbier & B. Niggemann*
Food allergy and non-allergic food hypersensitivity in children and adolescents

1542 *G. H. S. Vance, C. A. Thornton, T. N. Bryant, J. A. Warner & J. O. Warner*
Ovalbumin-specific immunoglobulin G and subclass responses through the first 5 years of life in relation to duration of egg sensitization and the development of asthma

1550 *G. W. K. Wong, T. F. Leung, F. W. S. Ko, K. K. M. Lee, P. Lam, D. S. C. Hui, T. F. Fok & C. K. W. Lai*
Declining asthma prevalence in Hong Kong Chinese school-children

1556 *S.-J. Hong, M.-S. Lee, M. H. Sohn, J. Y. Shim, Y. S. Han, K. S. Park, Y. M. Ahn, B. K. Son & H. B. Lee*
Self-reported prevalence and risk factors of asthma among Korean adolescents: 5-year follow-up study, 1995–2000

1563 *D. A. Stern, I. C. Lohman, A. L. Wright, L. M. Taussig, F. D. Martinez & M. Halonen*
Dynamic changes in sensitization to specific aeroallergens in children raised in a desert environment

1570 *A.-M. Hytönen, O. Löwhagen, M. Arvidsson, B. Balder, A. L. Björk, S. Lindgren, M. Hahn-Zoric, L. Å. Hanson & L. Padyukov*
Haplotypes of the interleukin-4 receptor α chain gene associate with susceptibility to and severity of atopic asthma

1576 *S. Saarelainen, A. Taivainen, M. Rytkönen-Nissinen, S. Auriola, A. Immonen, R. Mäntyjärvi, J. Rautiainen, T. Kinnunen & T. Virtanen*
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